

**PRODCUTION OF ALPHA-OLEFIN OLIGOMER**

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**Abstract of JP7118174**

**PURPOSE:**To provide a new process for the production of an alpha-olefin oligomer capable of producing an arbitrary alpha-olefin oligomer having a carbon number of  $\geq 7$  from ethylene in high yield.  
**CONSTITUTION:**An alpha-olefin oligomer is produced by using a chromium-based catalyst. Ethylene and an alpha-olefin having a carbon number of (n) ((n) is integer of  $\geq 3$ ) are oligomerized in the presence of a chromium-based catalyst consisting of a combination of at least a chromium compound, an amine or a metal amide and an alkylaluminum compound to obtain an alpha-olefin oligomer having a carbon number of n+4.

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